

# Udaykiran Penikalapati

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## CAREER OBJECTIVE

Passionate about entering the software industry with strong programming skills. Seeking an entry-level role to contribute to innovative solutions, thrive in a collaborative, fast-paced environment, and deliver high-quality software products meeting client and user needs.

## TECHNICAL SKILLS

- **Languages** : Python, Java Script
- **AI** : Langchain, Generative AI
- **Data Base** : PostgreSQL, Docker
- **Frameworks** : React.js, Node.js, Flutter, Streamlit, Bootstrap
- **Web** : HTML, CSS
- **Tools** : Git, Git-hub

## PROJECTS

### Project Title: AI Medical Chat Bot Using Python, LangChain, Gen AI, and Streamlit

- Developed an AI-powered medical chatbot leveraging Python, LangChain, and Generative AI for intelligent and context-aware interactions.

**Technologies:** Python, LangChain, Gen AI, Streamlit.

#### Roles & Responsibilities:

- Designed a responsive and interactive UI using Streamlit.
- Integrated Lang Chain for conversational memory and improved contextual understanding.
- Implemented Generative AI models to provide accurate and meaningful responses to medical queries.
- Optimized the chatbot's performance through rigorous testing and iterative improvements.

**Source Code** : [https://github.com/Uday439/MEDICAL\\_CHATBOT](https://github.com/Uday439/MEDICAL_CHATBOT)

### Project Title: <https://udayp.netlify.app/>

- Developed a Responsive Dynamic Portfolio Website Show casing Skills and Projects with user friendly Interface UI.

**Technologies:** React.Js, Node.Js, BootStrap.

#### Roles & Responsibilities:

- Developed and designed a personal portfolio website to showcase professional projects, skills, and achievements.
- Implemented a responsive and user-friendly interface using React.js, Node.js, BootStrap.
- Ensured cross-browser compatibility and optimized the website for performance and speed.
- Deployed the website on Netlify, using continuous integration and deployment for seamless updates.

## EDUCATION

- |  |                                    |                                  |
|--|------------------------------------|----------------------------------|
| - JNTU - A Tadipatri Engineering College | Degree : B.Tech<br>CGPA – 73.43/10 | Tadipatri, India<br>2021-2024    |
| - S.D.R.R Junior College M.P.C           | Level : +2<br>Marks – 6.46/10      | Mudigubba, India<br>2019-2020    |
| - Z. P High School                       | Level : SSC<br>CGPA – 6.0/10       | Thimmampalli, India<br>2016-2017 |

## CERTIFICATES

- **Python Full stack Certified:** Completed the Python Full stack Development in Palle Technologies
- **Internet of Things Certified:** Completed The Internet of Things IOT NPTEL
- **Mobile Application Development Certified:** Completed the Mobile Application Development In Elewayte.

## ACHIVEMENTS

- Completed 6 months of Python Full stack course in Palle technologies
- Qualifying District Level Cricket Selections in 2017 for Anantapur
- Achieving Best participating Award in College day celebration